

ABSTRACT

The present invention concerns a nucleic acid which is capable of regulating the transcription of the ABC1 gene, which is a causal gene for pathologies linked to a dysfunctioning of cholesterol metabolism, inducing diseases such as atherosclerosis. The invention also relates to nucleotide constructs comprising a polynucleotide which encodes a polypeptide or a nucleic acid of interest, placed under the control a regulatory nucleic acid for the ABC1 gene. The invention also relates to recombinant vectors, transformed host cells and nonhuman transgenic mammals comprising a nucleic acid which regulates the transcription of the ABC1 gene or an abovementioned nucleotide construct, as well as methods for screening molecules or substances which are capable of modifying the activity of the regulatory nucleic acid for the ABC1 gene.

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